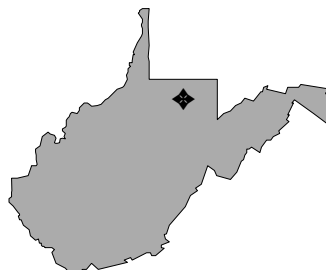


Size: 825 acres
Mission: Manufactured chemicals for ordnance
HRS Score: 35.62; placed on NPL in June 1986
IAG Status: None
Contaminants: PCBs, PAHs, inorganic compounds, arsenic, and mercury
Media Affected: Groundwater and soil
Funding to Date: \$2.0 million
Estimated Cost to Completion (Completion Year): \$0.4 million (FY2003)
Final Remedy in Place or Response Complete Date for All Sites: NA



Morgantown, West Virginia

Restoration Background

On the basis of environmental studies, sites at the Ordnance Works Disposal Areas in Morgantown were grouped into two operable units (OUs). OU1 consists of an old landfill, a shallow disposal area from which topsoil has been removed, and two lagoons from which sludge has been excavated. OU2 consists of all other sites, particularly those located in processing areas.

The Remedial Investigation and Feasibility Study (RI/FS) for OU1 was completed in early FY88. The Record of Decision for OU1, which was signed in FY89, stipulated that soil contaminated with polyaromatic hydrocarbon (PAH) compounds was to be excavated and treated in a bioremediation bed. Soil washing was selected as an alternative remedy if bioremediation proved infeasible.

In FY90, EPA issued Consent Orders for both OUs. In the same year, the potentially responsible parties (PRPs) signed a participation agreement for OU2. In FY94, a pilot-test work plan was approved for the cleanup of soil contamination at OU1, and remedial work began. In FY95, the draft work plan for OU1 Phase II Interim Remedial Actions was submitted to EPA for review.

In FY95, the draft RI report for OU2 was submitted to EPA for review. OU2 areas contained elevated levels of organic and inorganic contaminants. Removal Actions were required for five areas of OU2, two at the main processing building and three at the coke ovens and the by-products area. A Time-Critical Removal Action was proposed for limited areas. This proposal of a Removal Action after the RI phase eliminated the need for an FS. In FY96, the U.S. Army Corps of Engineers (USACE) reached an agreement on allocating the cost of remediation at OU1.

During FY97, the PRP group, which includes the USACE, completed the Removal Actions at OU2 and received EPA concurrence on completion. To improve site management at OU1, the PRP group submitted a Focused Feasibility Study (FFS) to EPA for the OU1 remedy.

FY98 Restoration Progress

In August, after state concurrence, EPA approved the remedy proposed for OU1 in the FFS.

Plan of Action

- Initiate Consent Decree negotiations in FY99
- In FY99, submit the Proposed Plan for the site, consisting of off-site thermal treatment and on-site landfill capping

FY99 FUNDING BY PHASE AND RELATIVE RISK

